

What is claimed is:

[Claim 1] 1. A meat hook assembly, comprising:

a main body having a recess formed therein;

a radiofrequency identification tag within the recess; and

a potting compound within the recess for securing the radiofrequency identification tag;

wherein the recess has sidewalls having characteristics sufficient to hold the potting compound.

[Claim 2] 2. A meat hook assembly according to claim 1,

wherein the sidewalls sufficiently taper outward near a bottom of the recess to hold the potting compound.

[Claim 3] 3. A meat hook assembly according to claim 1,

wherein the sidewalls have a surface treatment sufficient to hold the potting compound.

[Claim 4] 4. A meat hook assembly according to claim 3,

wherein the surface treatment is knurling.

[Claim 5] 5. A meat hook assembly according to claim 1, further comprising

a hook fixedly coupled to the main body near a bottom of the meat hook assembly; and

a pulley wheel rotatably coupled to the main body near a top of the meat hook assembly.

[Claim 6] 6. A meat hook assembly according to claim 5,

wherein the pulley wheel is rotatably coupled to the main body below the recess and above the hook.

[Claim 7] 7. A meat hook assembly according to claim 5,

wherein the main body comprises metal stock;

wherein the metal stock bends 180 degrees at the top of the meat hook assembly; and

wherein the pulley wheel is twice rotatably coupled to the metal stock at each of two ends of its axis.

[Claim 8] 8. A meat hook assembly according to claim 1,

wherein the main body comprises metal stock.

[Claim 9] 9. A meat hook assembly according to claim 1, further comprising

a spacer disposed between the radiofrequency identification tag and the main body; and

an adhesive disposed at least between the radiofrequency identification tag and the spacer and between the spacer and the recess.

[Claim 10] 10. An assembly, comprising:

main body having a recess formed therein;

a radiofrequency identification tag within the recess;

a potting compound within the recess for securing the radiofrequency identification tag;

wherein the recess has sidewalls having characteristics sufficient to hold the potting compound.

[Claim 11] 11. An assembly according to claim 10,

wherein the sidewalls sufficiently taper outward near a bottom of the recess to hold the potting compound.

[Claim 12] 12. An assembly according to claim 10,

wherein the sidewalls of the recess have a surface treatment sufficient to hold the potting compound.

[Claim 13] 13. An assembly according to claim 13,

wherein the surface treatment is knurling.

[Claim 14] 14. An assembly according to claim 10,

wherein the main body comprises metal stock; and

wherein the assembly further comprises:

a hook fixedly coupled to the main body near a bottom of the assembly; and

a pulley wheel rotatably coupled to the main body near a top of the assembly.

[Claim 15] 15. An assembly according to claim 10, further comprising

an adhesive disposed between the radiofrequency identification tag and the main body at least at a bottom of the recess.

[Claim 16] 16. An assembly according to claim 10, further comprising

a spacer disposed between the radiofrequency identification tag and the main body at least at a bottom of the recess; and

an adhesive disposed at least between the radiofrequency identification tag and the spacer and between the spacer and at least a bottom of the recess.

[Claim 17] 17. An assembly according to claim 10,

wherein the potting compound has low loss electromagnetic characteristics at a frequency of operation of the radiofrequency identification tag.

[Claim 18] 18. A mounting clip for mounting a radiofrequency identification tag on a meat hook assembly, the mounting clip comprising:

an aperture;

a plurality of fingers for holding the radiofrequency identification tag within the aperture;

a pair of flanges on opposing sides of the mounting clip shaped to conform to sides of a main body of the meat hook assembly.

[Claim 19] 19. A mounting clip according to claim 18,

wherein the mounting clip further comprises an upper flange disposed near an axis of a pulley wheel of the meat hook assembly.

[Claim 20] 20. A mounting clip according to claim 18,

wherein some of the plurality of fingers attach to one side of the radiofrequency identification tag and other of the plurality of fingers attach to another side of the radiofrequency identification tag.